

09706326_CLS
Most Frequently Occurring Classifications of Patents Returned
From A Search of 09706326 on August 11, 2004

Original Classifications

8 704/275
3 704/260
2 379/67.1
2 379/88.01
2 704/235
2 704/251
2 704/270
2 704/273
2 705/38

Cross-Reference Classifications

10 704/270
6 704/275
5 379/88.01
5 704/251
3 704/240
2 235/380
2 340/825.19
2 379/216.01
2 379/67.1
2 379/88.13
2 704/235
2 704/243
2 704/246
2 704/260
2 705/35
2 705/39
2 705/42

Combined Classifications

14 704/275
12 704/270
7 379/88.01
7 704/251
5 704/260
4 379/67.1
4 704/235
3 704/240
3 704/243
3 704/273
2 235/380
2 340/825.19
2 379/216.01

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2 379/88.13
2 379/88.22
2 434/309
2 704/246
2 704/272
2 705/35
2 705/38
2 705/39
2 705/42

09706326_CLSTITLES

Titles of Most Frequently Occurring Classifications of Patents Returned

From A Search of 09706326 on August 11, 2004

14 704/275 (8 OR, 6 XR)
Class 704 : DATA PROCESSING: SPEECH SIGNAL PROCESSING,
LINGUISTICS, LANGUAGE TRANSLATION, AND AUDIO
COMPRESSION/DECOMPRESSION
704/200 SPEECH SIGNAL PROCESSING
704/270 .Application
704/275 ..Speech controlled system

12 704/270 (2 OR, 10 XR)
Class 704 : DATA PROCESSING: SPEECH SIGNAL PROCESSING,
LINGUISTICS, LANGUAGE TRANSLATION, AND AUDIO
COMPRESSION/DECOMPRESSION
704/200 SPEECH SIGNAL PROCESSING
704/270 .Application

7 379/88.01 (2 OR, 5 XR)
Class 379 : TELEPHONIC COMMUNICATIONS
379/67.1 AUDIO MESSAGE STORAGE, RETRIEVAL, OR SYNTHESIS
379/88.01 .Voice activation or recognition

7 704/251 (2 OR, 5 XR)
Class 704 : DATA PROCESSING: SPEECH SIGNAL PROCESSING,
LINGUISTICS, LANGUAGE TRANSLATION, AND AUDIO
COMPRESSION/DECOMPRESSION
704/200 SPEECH SIGNAL PROCESSING
704/231 .Recognition
704/251 ..Word recognition

5 704/260 (3 OR, 2 XR)
Class 704 : DATA PROCESSING: SPEECH SIGNAL PROCESSING,
LINGUISTICS, LANGUAGE TRANSLATION, AND AUDIO
COMPRESSION/DECOMPRESSION
704/200 SPEECH SIGNAL PROCESSING
704/258 .Synthesis
704/260 ..Image to speech

4 379/67.1 (2 OR, 2 XR)
Class 379 : TELEPHONIC COMMUNICATIONS

09706326_CLSTITLES
379/67.1 AUDIO MESSAGE STORAGE, RETRIEVAL, OR SYNTHESIS

- 4 704/235 (2 OR, 2 XR)
Class 704 : DATA PROCESSING: SPEECH SIGNAL PROCESSING,
LINGUISTICS, LANGUAGE TRANSLATION, AND AUDIO

COMPRESSION/DECOMPRESSION
704/200 SPEECH SIGNAL PROCESSING
704/231 .Recognition
704/235 ..Speech to image
- 3 704/240 (0 OR, 3 XR)
Class 704 : DATA PROCESSING: SPEECH SIGNAL PROCESSING,
LINGUISTICS, LANGUAGE TRANSLATION, AND AUDIO

COMPRESSION/DECOMPRESSION
704/200 SPEECH SIGNAL PROCESSING
704/231 .Recognition
704/236 ..Specialized equations or comparisons
704/240 ...Probability
- 3 704/243 (1 OR, 2 XR)
Class 704 : DATA PROCESSING: SPEECH SIGNAL PROCESSING,
LINGUISTICS, LANGUAGE TRANSLATION, AND AUDIO

COMPRESSION/DECOMPRESSION
704/200 SPEECH SIGNAL PROCESSING
704/231 .Recognition
704/243 ..Creating patterns for matching
- 3 704/273 (2 OR, 1 XR)
Class 704 : DATA PROCESSING: SPEECH SIGNAL PROCESSING,
LINGUISTICS, LANGUAGE TRANSLATION, AND AUDIO

COMPRESSION/DECOMPRESSION
704/200 SPEECH SIGNAL PROCESSING
704/270 .Application
704/273 ..Security system
- 2 235/380 (0 OR, 2 XR)
Class 235 : REGISTERS
235/375 SYSTEMS CONTROLLED BY DATA BEARING RECORDS
235/380 .Credit or identification card systems
- 2 340/825.19 (0 OR, 2 XR)
Class 340 : COMMUNICATIONS: ELECTRICAL
340/825 SELECTIVE

09706326_CLSTITLES

340/825.19 .Communication or control for the handicapped

2 379/216.01 (0 OR, 2 XR)

Class 379 : TELEPHONIC COMMUNICATIONS

379/201.01 SPECIAL SERVICES

379/216.01 .Abbreviated dialing or direct call (e.g., hot line)

2 379/88.13 (0 OR, 2 XR)

Class 379 : TELEPHONIC COMMUNICATIONS

379/67.1 AUDIO MESSAGE STORAGE, RETRIEVAL, OR SYNTHESIS

379/88.13 .Multimedia system (e.g., voice output combine
with fax, video, text, etc.)

2 379/88.22 (1 OR, 1 XR)

Class 379 : TELEPHONIC COMMUNICATIONS

379/67.1 AUDIO MESSAGE STORAGE, RETRIEVAL, OR SYNTHESIS

379/88.22 .Message management

2 434/309 (1 OR, 1 XR)

Class 434 : EDUCATION AND DEMONSTRATION

434/308 AUDIO RECORDING AND VISUAL MEANS

434/309 .Common carrier for visual means and audio
recording

2 704/246 (0 OR, 2 XR)

Class 704 : DATA PROCESSING: SPEECH SIGNAL PROCESSING,
LINGUISTICS, LANGUAGE TRANSLATION, AND AUDIO

COMPRESSION/DECOMPRESSION

704/200 SPEECH SIGNAL PROCESSING

704/231 .Recognition

704/246 ..Voice recognition

2 704/272 (1 OR, 1 XR)

Class 704 : DATA PROCESSING: SPEECH SIGNAL PROCESSING,
LINGUISTICS, LANGUAGE TRANSLATION, AND AUDIO

COMPRESSION/DECOMPRESSION

704/200 SPEECH SIGNAL PROCESSING

704/270 .Application

704/272 ..Novelty item

2 705/35 (0 OR, 2 XR)

09706326 CLSTITLES

Class	705	:	DATA PROCESSING: FINANCIAL, BUSINESS PRACTICE, MANAGEMENT, OR COST/PRICE DETERMIN
ATION			
	705/1		AUTOMATED ELECTRICAL FINANCIAL OR BUSINESS PRACTICE OR MANAGEMENT ARRANGEMENT
	705/35		.Finance (e.g., banking, investment or credit)
2	705/38	(2 OR, 0 XR)	
Class	705	:	DATA PROCESSING: FINANCIAL, BUSINESS PRACTICE, MANAGEMENT, OR COST/PRICE DETERMIN
ATION			
	705/1		AUTOMATED ELECTRICAL FINANCIAL OR BUSINESS PRACTICE OR MANAGEMENT ARRANGEMENT
	705/35		.Finance (e.g., banking, investment or credit)
	705/38		..Credit (risk) processing or loan processing (e.g., mortgage)
2	705/39	(0 OR, 2 XR)	
Class	705	:	DATA PROCESSING: FINANCIAL, BUSINESS PRACTICE, MANAGEMENT, OR COST/PRICE DETERMIN
ATION			
	705/1		AUTOMATED ELECTRICAL FINANCIAL OR BUSINESS PRACTICE OR MANAGEMENT ARRANGEMENT
	705/35		.Finance (e.g., banking, investment or credit)
	705/39		..Including funds transfer or credit transaction
2	705/42	(0 OR, 2 XR)	
Class	705	:	DATA PROCESSING: FINANCIAL, BUSINESS PRACTICE, MANAGEMENT, OR COST/PRICE DETERMIN
ATION			
	705/1		AUTOMATED ELECTRICAL FINANCIAL OR BUSINESS PRACTICE OR MANAGEMENT ARRANGEMENT
	705/35		.Finance (e.g., banking, investment or credit)
	705/39		..Including funds transfer or credit transaction
	705/42		...Remote banking (e.g., home banking)

Search Results - Record(s) 1 through 30 of 30 returned.

L3: Entry 1 of 30

File: USPT

May 7, 2002

US-PAT-NO: 6385312

DOCUMENT-IDENTIFIER: US 6385312 B1

TITLE: Automatic routing and information system for telephonic services

DATE-ISSUED: May 7, 2002

US-CL-CURRENT: 379/211.02; 379/207.12, 379/207.14, 379/207.15, 379/219, 379/223,
379/88.01, 379/88.13INT-CL: [07] H04 M 3/42

L3: Entry 2 of 30

File: USPT

Jun 12, 2001

US-PAT-NO: 6246981

DOCUMENT-IDENTIFIER: US 6246981 B1

TITLE: Natural language task-oriented dialog manager and method

DATE-ISSUED: June 12, 2001

US-CL-CURRENT: 704/235; 704/275INT-CL: [07] G10 L 15/26, G10 L 15/22

L3: Entry 3 of 30

File: USPT

Mar 6, 2001

US-PAT-NO: 6199043

DOCUMENT-IDENTIFIER: US 6199043 B1

TITLE: Conversation management in speech recognition interfaces

DATE-ISSUED: March 6, 2001

US-CL-CURRENT: 704/272; 704/260, 704/275INT-CL: [07] G10 L 13/00, G10 L 15/00

L3: Entry 4 of 30

File: USPT

Feb 27, 2001

US-PAT-NO: 6195417

DOCUMENT-IDENTIFIER: US 6195417 B1

TITLE: Automated system for accessing speech-based information

DATE-ISSUED: February 27, 2001

US-CL-CURRENT: 379/67.1; 379/352, 379/88.04, 379/88.24, 379/93.24

h e b b c g b e e

INT-CL: [07] H04 M 1/64, H04 M 11/00, H04 M 1/00

L3: Entry 5 of 30

File: USPT

Oct 31, 2000

US-PAT-NO: 6141644

DOCUMENT-IDENTIFIER: US 6141644 A

TITLE: Speaker verification and speaker identification based on eigenvoices

DATE-ISSUED: October 31, 2000

US-CL-CURRENT: 704/273; 704/238, 704/240, 704/246, 704/270

INT-CL: [07] G10 L 15/10, G10 L 15/14

L3: Entry 6 of 30

File: USPT

Oct 17, 2000

US-PAT-NO: 6134525

DOCUMENT-IDENTIFIER: US 6134525 A

TITLE: Identification-function calculator, identification-function calculating method, identification unit, identification method, and speech recognition system

DATE-ISSUED: October 17, 2000

US-CL-CURRENT: 704/236; 704/240

INT-CL: [07] G10 L 15/14

L3: Entry 7 of 30

File: USPT

Sep 19, 2000

US-PAT-NO: 6122614

DOCUMENT-IDENTIFIER: US 6122614 A

TITLE: System and method for automating transcription services

DATE-ISSUED: September 19, 2000

US-CL-CURRENT: 704/235; 704/257, 704/260, 704/270, 704/275

INT-CL: [07] G01 L 15/18, G01 L 15/26

L3: Entry 8 of 30

File: USPT

Sep 5, 2000

US-PAT-NO: 6115458

DOCUMENT-IDENTIFIER: US 6115458 A

TITLE: Method and apparatus for summaries of prepaid instrument transaction activity

DATE-ISSUED: September 5, 2000

US-CL-CURRENT: 379/114.2; 235/380, 379/114.17, 379/116, 379/119

INT-CL: [07] H04 M 15/00, H04 M 17/00, G06 K 5/00

L3: Entry 9 of 30

File: USPT

Aug 22, 2000

US-PAT-NO: 6108632

DOCUMENT-IDENTIFIER: US 6108632 A

TITLE: Transaction support apparatus

DATE-ISSUED: August 22, 2000

US-CL-CURRENT: 704/275; 704/270, 705/37

INT-CL: [07] G10 L 15/22, H04 M 3/50

L3: Entry 10 of 30

File: USPT

Oct 19, 1999

US-PAT-NO: 5970448

DOCUMENT-IDENTIFIER: US 5970448 A

TITLE: Historical database storing relationships of successively spoken words

DATE-ISSUED: October 19, 1999

US-CL-CURRENT: 704/235; 704/255

INT-CL: [06] G10 L 5/06, G10 L 7/08

L3: Entry 11 of 30

File: USPT

Aug 17, 1999

US-PAT-NO: 5940799

DOCUMENT-IDENTIFIER: US 5940799 A

TITLE: System and method for securing speech transactions

DATE-ISSUED: August 17, 1999

US-CL-CURRENT: 704/273; 379/88.01, 379/93.08, 704/243, 704/251, 704/270, 704/275

INT-CL: [06] G10 L 9/08

L3: Entry 12 of 30

File: USPT

Mar 2, 1999

US-PAT-NO: 5878155

DOCUMENT-IDENTIFIER: US 5878155 A

TITLE: Method for verifying human identity during electronic sale transactions

DATE-ISSUED: March 2, 1999

US-CL-CURRENT: 382/115

INT-CL: [06] G06 K 9/00

L3: Entry 13 of 30

File: USPT

Nov 17, 1998

US-PAT-NO: 5839104

DOCUMENT-IDENTIFIER: US 5839104 A

TITLE: Point-of-sale system having speech entry and item recognition support system

DATE-ISSUED: November 17, 1998

US-CL-CURRENT: 704/251; 704/246, 704/250, 704/275INT-CL: [06] G01 G 23/38

L3: Entry 14 of 30

File: USPT

May 26, 1998

US-PAT-NO: 5758322

DOCUMENT-IDENTIFIER: US 5758322 A

TITLE: Method and apparatus for conducting point-of-sale transactions using voice recognition

DATE-ISSUED: May 26, 1998

US-CL-CURRENT: 704/275; 704/270INT-CL: [06] G10 L 9/00

L3: Entry 15 of 30

File: USPT

Apr 9, 1991

US-PAT-NO: 5007078

DOCUMENT-IDENTIFIER: US 5007078 A

TITLE: Automated order entry recording method and apparatus

DATE-ISSUED: April 9, 1991

US-CL-CURRENT: 379/75; 379/70, 379/88.22

INT-CL: [05] H04M 1/65

L3: Entry 16 of 30

File: DWPI

Jun 12, 2001

DERWENT-ACC-NO: 2001-610312

ABSTRACTED-PUB-NO: US 6246981B

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TITLE: Conversational system for weather report system, has dialog manager which selects application form from script by scoring relative forms in response to recognized representation of input information

INT-CL (IPC): G10 L 15/22, G10 L 15/26

Derwent-CL (DC): P86, T01, W04

EPI Codes: T01-J05A; T01-S03; W04-V;

L3: Entry 17 of 30

File: DWPI

Mar 6, 2001

DERWENT-ACC-NO: 2001-615153
ABSTRACTED-PUB-NO: US 6199043B
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TITLE: Managing conversation in a speech recognition interface, involves generating audio input interface for receiving the audible information as an input for the speech recognition interface

INT-CL (IPC): G10 L 13/00, G10 L 15/00
Derwent-CL (DC): P86, T01 , W04
EPI Codes: T01-C08A; T01-J18; W04-V01; W04-V04A;

L3: Entry 18 of 30

File: DWPI

Jun 2, 2000

DERWENT-ACC-NO: 2000-557972
ABSTRACTED-PUB-NO: US 6122614A
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TITLE: Transcription service automating system for computer speech recognition system, controls flow of voice dictation file from current user by sending dictation file to human transcriptionist and speech converter

INT-CL (IPC): G01 L 15/18, G01 L 15/26, G10 L 15/06, G10 L 15/14
Derwent-CL (DC): P86, T01 , W04
EPI Codes: T01-C08A; T01-D09; T01-J18; W04-V04A;

L3: Entry 19 of 30

File: DWPI

Mar 25, 2004

DERWENT-ACC-NO: 2000-225948
ABSTRACTED-PUB-NO: EP 984431A
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TITLE: Speaker verification and identification based on eigenvoices for assessing speech with respect to preset client speaker involves training set of speech models upon speech from several training speakers including one client speaker

INT-CL (IPC): G10 L 5/00, G10 L 15/06, G10 L 15/10, G10 L 15/14, G10 L 17/00
Derwent-CL (DC): P86, W04
EPI Codes: W04-V01; W04-V05;

L3: Entry 20 of 30

File: DWPI

Jul 1, 2003

DERWENT-ACC-NO: 2000-116873
ABSTRACTED-PUB-NO: US 6385312B
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TITLE: Real time identification method of client service areas in telephone network call processing system 20030228009 A1

INT-CL (IPC): H04 M 3/00, H04 M 3/42, H04 M 7/00, H04 Q 0/00, H04 Q 3/00, H04 Q 7/20, H04 Q 7/22, H04 Q 7/24, H04 Q 7/26 , H04 Q 7/30
Derwent-CL (DC): W01, W02
EPI Codes: W01-B03C; W01-B05A1A; W01-C02A7; W01-C02B; W01-C02B7X; W01-C05B5C; W02-

C03C1A;

L3: Entry 21 of 30

File: DWPI

Oct 19, 1999

DERWENT-ACC-NO: 1999-632598
ABSTRACTED-PUB-NO: US 5970448A
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TITLE: Voice input text generating system

INT-CL (IPC): G10 L 5/06, G10 L 7/08
Derwent-CL (DC): P86, T01 , W04
EPI Codes: T01-C08A; T01-J11; T01-J14; T01-J18; W04-V01;

L3: Entry 22 of 30

File: DWPI

May 27, 1999

DERWENT-ACC-NO: 1999-338127
ABSTRACTED-PUB-NO: US 6195417B
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TITLE: Accessing and retrieving speech-based information for telephone links using specialized voice recognition software

INT-CL (IPC): H04 M 1/00, H04 M 1/64, H04 M 3/50, H04 M 11/00
Derwent-CL (DC): W01, W04
EPI Codes: W01-B09; W01-C02B4; W01-C02D; W01-C05B5C; W04-V01;

L3: Entry 23 of 30

File: DWPI

Jun 2, 2003

DERWENT-ACC-NO: 1999-254447
ABSTRACTED-PUB-NO: US 5940799A
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TITLE: Speech communications system for securing access to a personal computer via different media

INT-CL (IPC): G06 F 12/14, G06 F 15/00, G10 L 9/08, G10 L 15/00, G10 L 15/28, G10 L 17/00, G10 L 21/00, H04 L 9/32
Derwent-CL (DC): P86, T01 , T05 , W01 , W04
EPI Codes: T01-H01C2; T01-J12C; T01-J18; T05-D01B; W01-A05B; W01-C02B7X; W04-V04A;

L3: Entry 24 of 30

File: DWPI

Mar 2, 1999

DERWENT-ACC-NO: 1999-189902
ABSTRACTED-PUB-NO: US 5878155A
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TITLE: Human identity verifying method using invisible tattoo in electronic sale transactions

INT-CL (IPC): G06 K 9/00
Derwent-CL (DC): T01, T04 , T05
EPI Codes: T01-J05A1; T04-A03B1; T04-A03B9; T05-D01B; T05-L01C;

L3: Entry 25 of 30

File: DWPI

Nov 17, 1998

DERWENT-ACC-NO: 1999-023976
ABSTRACTED-PUB-NO: US 5839104A
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TITLE: POS system for supermarket - has terminal that determines identity of product based on signal received from microphone by referring name database

INT-CL (IPC): G01 G 23/38
Derwent-CL (DC): S02, T05, W04
EPI Codes: S02-D02D; S02-D03; T05-L01A; T05-L01X; W04-V01; W04-V04A; W04-W07A;

L3: Entry 26 of 30

File: DWPI

May 26, 1998

DERWENT-ACC-NO: 1998-322205
ABSTRACTED-PUB-NO: US 5758322A
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TITLE: POS transaction conducting method using voice recognition technique in retail shop, grocery shop and restaurant - involves combining second correct utterance repeated by user corresponding to second product order when error count reaches predetermined value and first stored pattern to form new pattern

INT-CL (IPC): G10 L 9/00
Derwent-CL (DC): P86, T05, W04
EPI Codes: T05-L01A; T05-L01X; W04-V01;

L3: Entry 27 of 30

File: DWPI

Jun 7, 2004

DERWENT-ACC-NO: 1997-263751
ABSTRACTED-PUB-NO: JP 09090976A
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TITLE: Discriminant function calculator used in speech recognition appts, image recognition appts - has adaptive learning unit, which performs learning of computed discriminant function and fits function on learning sample

INT-CL (IPC): G06 F 15/18, G06 K 9/68, G10 L 3/00, G10 L 5/06, G10 L 9/06, G10 L 9/10, G10 L 15/06, G10 L 15/10, G10 L 15/14, G10 L 15/16
Derwent-CL (DC): P86, W04
EPI Codes: W04-V01; W04-V05G;

L3: Entry 28 of 30

File: DWPI

Jul 23, 2002

DERWENT-ACC-NO: 1997-203093
ABSTRACTED-PUB-NO: US 6108632A
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TITLE: Financial transaction support apparatus for e.g. performing shares, currency or other financial transactions in dealing room - includes speech recognition processor for recognising predetermined transaction parameters within speech signal and making values of recognised parameters available at parameter output

INT-CL (IPC): G06 F 17/60, G06 K 0/00, G06 K 9/00, G10 L 3/00, G10 L 15/22, H04 M

1/02, H04 M 3/42, H04 M 3/50, H04 M 11/00

Derwent-CL (DC): P86, T01, T05, W01, W04

EPI Codes: T01-C08A; T01-J05A1; T01-J12C; T05-L02; W01-C05B3C; W04-V04A;

L3: Entry 29 of 30

File: DWPI

Feb 6, 1997

DERWENT-ACC-NO: 1997-132991

ABSTRACTED-PUB-NO: US 6115458A

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TITLE: System electronically providing summary of data relating to account - retrieves information in database records relating to account based on account identifier, summary of retrieved information is generated based on selected format, and is electronically outputted and transmitted to destination

INT-CL (IPC): G06 F 7/08, G06 F 17/60, G06 K 5/00, H04 M 11/00, H04 M 15/00, H04 M 17/00

Derwent-CL (DC): T01, W01

EPI Codes: T01-J05A2; T01-J05B3;

L3: Entry 30 of 30

File: DWPI

Apr 9, 1991

DERWENT-ACC-NO: 1991-125143

ABSTRACTED-PUB-NO: US 5007078A

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TITLE: Automated order entry message recording apparatus - has interface unit to start recording, convey operation confirmation message and conveys audio signal from exchange to tape

INT-CL (IPC): H04M 1/65

Derwent-CL (DC): W01

EPI Codes: W01-C02B; W01-C05B5;

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Search Results - Record(s) 1 through 30 of 30 returned.

L3: Entry 1 of 30

File: USPT

May 7, 2002

US-PAT-NO: 6385312

DOCUMENT-IDENTIFIER: US 6385312 B1

TITLE: Automatic routing and information system for telephonic services

DATE-ISSUED: May 7, 2002

US-CL-CURRENT: 379/211.02; 379/207.12, 379/207.14, 379/207.15, 379/219, 379/223,
379/88.01, 379/88.13INT-CL: [07] H04 M 3/42

L3: Entry 2 of 30

File: USPT

Jun 12, 2001

US-PAT-NO: 6246981

DOCUMENT-IDENTIFIER: US 6246981 B1

TITLE: Natural language task-oriented dialog manager and method

DATE-ISSUED: June 12, 2001

US-CL-CURRENT: 704/235; 704/275INT-CL: [07] G10 L 15/26, G10 L 15/22

L3: Entry 3 of 30

File: USPT

Mar 6, 2001

US-PAT-NO: 6199043

DOCUMENT-IDENTIFIER: US 6199043 B1

TITLE: Conversation management in speech recognition interfaces

DATE-ISSUED: March 6, 2001

US-CL-CURRENT: 704/272; 704/260, 704/275INT-CL: [07] G10 L 13/00, G10 L 15/00

L3: Entry 4 of 30

File: USPT

Feb 27, 2001

US-PAT-NO: 6195417

DOCUMENT-IDENTIFIER: US 6195417 B1

TITLE: Automated system for accessing speech-based information

DATE-ISSUED: February 27, 2001

US-CL-CURRENT: 379/67.1; 379/352, 379/88.04, 379/88.24, 379/93.24

h e b b c g b e e

INT-CL: [07] H04 M 1/64, H04 M 11/00, H04 M 1/00

L3: Entry 5 of 30

File: USPT

Oct 31, 2000

US-PAT-NO: 6141644

DOCUMENT-IDENTIFIER: US 6141644 A

TITLE: Speaker verification and speaker identification based on eigenvoices

DATE-ISSUED: October 31, 2000

US-CL-CURRENT: 704/273; 704/238, 704/240, 704/246, 704/270

INT-CL: [07] G10 L 15/10, G10 L 15/14

L3: Entry 6 of 30

File: USPT

Oct 17, 2000

US-PAT-NO: 6134525

DOCUMENT-IDENTIFIER: US 6134525 A

TITLE: Identification-function calculator, identification-function calculating method, identification unit, identification method, and speech recognition system

DATE-ISSUED: October 17, 2000

US-CL-CURRENT: 704/236; 704/240

INT-CL: [07] G10 L 15/14

L3: Entry 7 of 30

File: USPT

Sep 19, 2000

US-PAT-NO: 6122614

DOCUMENT-IDENTIFIER: US 6122614 A

TITLE: System and method for automating transcription services

DATE-ISSUED: September 19, 2000

US-CL-CURRENT: 704/235; 704/257, 704/260, 704/270, 704/275

INT-CL: [07] G01 L 15/18, G01 L 15/26

L3: Entry 8 of 30

File: USPT

Sep 5, 2000

US-PAT-NO: 6115458

DOCUMENT-IDENTIFIER: US 6115458 A

TITLE: Method and apparatus for summaries of prepaid instrument transaction activity

DATE-ISSUED: September 5, 2000

US-CL-CURRENT: 379/114.2; 235/380, 379/114.17, 379/116, 379/119

INT-CL: [07] H04 M 15/00, H04 M 17/00, G06 K 5/00

L3: Entry 9 of 30

File: USPT

Aug 22, 2000

US-PAT-NO: 6108632

DOCUMENT-IDENTIFIER: US 6108632 A

TITLE: Transaction support apparatus

DATE-ISSUED: August 22, 2000

US-CL-CURRENT: 704/275; 704/270, 705/37

INT-CL: [07] G10 L 15/22, H04 M 3/50

L3: Entry 10 of 30

File: USPT

Oct 19, 1999

US-PAT-NO: 5970448

DOCUMENT-IDENTIFIER: US 5970448 A

TITLE: Historical database storing relationships of successively spoken words

DATE-ISSUED: October 19, 1999

US-CL-CURRENT: 704/235; 704/255

INT-CL: [06] G10 L 5/06, G10 L 7/08

L3: Entry 11 of 30

File: USPT

Aug 17, 1999

US-PAT-NO: 5940799

DOCUMENT-IDENTIFIER: US 5940799 A

TITLE: System and method for securing speech transactions

DATE-ISSUED: August 17, 1999

US-CL-CURRENT: 704/273; 379/88.01, 379/93.08, 704/243, 704/251, 704/270, 704/275

INT-CL: [06] G10 L 9/08

L3: Entry 12 of 30

File: USPT

Mar 2, 1999

US-PAT-NO: 5878155

DOCUMENT-IDENTIFIER: US 5878155 A

TITLE: Method for verifying human identity during electronic sale transactions

DATE-ISSUED: March 2, 1999

US-CL-CURRENT: 382/115

INT-CL: [06] G06 K 9/00

L3: Entry 13 of 30

File: USPT

Nov 17, 1998

US-PAT-NO: 5839104

DOCUMENT-IDENTIFIER: US 5839104 A

TITLE: Point-of-sale system having speech entry and item recognition support system

DATE-ISSUED: November 17, 1998

US-CL-CURRENT: 704/251; 704/246, 704/250, 704/275INT-CL: [06] G01 G 23/38

L3: Entry 14 of 30

File: USPT

May 26, 1998

US-PAT-NO: 5758322

DOCUMENT-IDENTIFIER: US 5758322 A

TITLE: Method and apparatus for conducting point-of-sale transactions using voice recognition

DATE-ISSUED: May 26, 1998

US-CL-CURRENT: 704/275; 704/270INT-CL: [06] G10 L 9/00

L3: Entry 15 of 30

File: USPT

Apr 9, 1991

US-PAT-NO: 5007078

DOCUMENT-IDENTIFIER: US 5007078 A

TITLE: Automated order entry recording method and apparatus

DATE-ISSUED: April 9, 1991

US-CL-CURRENT: 379/75; 379/70, 379/88.22

INT-CL: [05] H04M 1/65

L3: Entry 16 of 30

File: DWPI

Jun 12, 2001

DERWENT-ACC-NO: 2001-610312

ABSTRACTED-PUB-NO: US 6246981B

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TITLE: Conversational system for weather report system, has dialog manager which selects application form from script by scoring relative forms in response to recognized representation of input information

INT-CL (IPC): G10 L 15/22, G10 L 15/26

Derwent-CL (DC): P86, T01, W04

EPI Codes: T01-J05A; T01-S03; W04-V;

L3: Entry 17 of 30

File: DWPI

Mar 6, 2001

DERWENT-ACC-NO: 2001-615153
ABSTRACTED-PUB-NO: US 6199043B
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TITLE: Managing conversation in a speech recognition interface, involves generating audio input interface for receiving the audible information as an input for the speech recognition interface

INT-CL (IPC): G10 L 13/00, G10 L 15/00
Derwent-CL (DC): P86, T01 , W04
EPI Codes: T01-C08A; T01-J18; W04-V01; W04-V04A;

L3: Entry 18 of 30

File: DWPI

Jun 2, 2000

DERWENT-ACC-NO: 2000-557972
ABSTRACTED-PUB-NO: US 6122614A
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TITLE: Transcription service automating system for computer speech recognition system, controls flow of voice dictation file from current user by sending dictation file to human transcriptionist and speech converter

INT-CL (IPC): G01 L 15/18, G01 L 15/26, G10 L 15/06, G10 L 15/14
Derwent-CL (DC): P86, T01 , W04
EPI Codes: T01-C08A; T01-D09; T01-J18; W04-V04A;

L3: Entry 19 of 30

File: DWPI

Mar 25, 2004

DERWENT-ACC-NO: 2000-225948
ABSTRACTED-PUB-NO: EP 984431A
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TITLE: Speaker verification and identification based on eigenvoices for assessing speech with respect to preset client speaker involves training set of speech models upon speech from several training speakers including one client speaker

INT-CL (IPC): G10 L 5/00, G10 L 15/06, G10 L 15/10, G10 L 15/14, G10 L 17/00
Derwent-CL (DC): P86, W04
EPI Codes: W04-V01; W04-V05;

L3: Entry 20 of 30

File: DWPI

Jul 1, 2003

DERWENT-ACC-NO: 2000-116873
ABSTRACTED-PUB-NO: US 6385312B
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TITLE: Real time identification method of client service areas in telephone network call processing system 20030228009 A1

INT-CL (IPC): H04 M 3/00, H04 M 3/42, H04 M 7/00, H04 Q 0/00, H04 Q 3/00, H04 Q 7/20, H04 Q 7/22, H04 Q 7/24, H04 Q 7/26 , H04 Q 7/30
Derwent-CL (DC): W01, W02
EPI Codes: W01-B03C; W01-B05A1A; W01-C02A7; W01-C02B; W01-C02B7X; W01-C05B5C; W02-

C03C1A;

L3: Entry 21 of 30

File: DWPI

Oct 19, 1999

DERWENT-ACC-NO: 1999-632598
ABSTRACTED-PUB-NO: US 5970448A
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TITLE: Voice input text generating system

INT-CL (IPC): G10 L 5/06, G10 L 7/08
Derwent-CL (DC): P86, T01 , W04
EPI Codes: T01-C08A; T01-J11; T01-J14; T01-J18; W04-V01;

L3: Entry 22 of 30

File: DWPI

May 27, 1999

DERWENT-ACC-NO: 1999-338127
ABSTRACTED-PUB-NO: US 6195417B
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TITLE: Accessing and retrieving speech-based information for telephone links using specialized voice recognition software

INT-CL (IPC): H04 M 1/00, H04 M 1/64, H04 M 3/50, H04 M 11/00
Derwent-CL (DC): W01, W04
EPI Codes: W01-B09; W01-C02B4; W01-C02D; W01-C05B5C; W04-V01;

L3: Entry 23 of 30

File: DWPI

Jun 2, 2003

DERWENT-ACC-NO: 1999-254447
ABSTRACTED-PUB-NO: US 5940799A
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TITLE: Speech communications system for securing access to a personal computer via different media

INT-CL (IPC): G06 F 12/14, G06 F 15/00, G10 L 9/08, G10 L 15/00, G10 L 15/28, G10 L 17/00, G10 L 21/00, H04 L 9/32
Derwent-CL (DC): P86, T01 , T05 , W01 , W04
EPI Codes: T01-H01C2; T01-J12C; T01-J18; T05-D01B; W01-A05B; W01-C02B7X; W04-V04A;

L3: Entry 24 of 30

File: DWPI

Mar 2, 1999

DERWENT-ACC-NO: 1999-189902
ABSTRACTED-PUB-NO: US 5878155A
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TITLE: Human identity verifying method using invisible tattoo in electronic sale transactions

INT-CL (IPC): G06 K 9/00
Derwent-CL (DC): T01, T04 , T05
EPI Codes: T01-J05A1; T04-A03B1; T04-A03B9; T05-D01B; T05-L01C;

L3: Entry 25 of 30

File: DWPI

Nov 17, 1998

DERWENT-ACC-NO: 1999-023976
ABSTRACTED-PUB-NO: US 5839104A
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TITLE: POS system for supermarket - has terminal that determines identity of product based on signal received from microphone by referring name database

INT-CL (IPC): G01 G 23/38
Derwent-CL (DC): S02, T05 , W04
EPI Codes: S02-D02D; S02-D03; T05-L01A; T05-L01X; W04-V01; W04-V04A; W04-W07A;

L3: Entry 26 of 30

File: DWPI

May 26, 1998

DERWENT-ACC-NO: 1998-322205
ABSTRACTED-PUB-NO: US 5758322A
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TITLE: POS transaction conducting method using voice recognition technique in retail shop, grocery shop and restaurant - involves combining second correct utterance repeated by user corresponding to second product order when error count reaches predetermined value and first stored pattern to form new pattern

INT-CL (IPC): G10 L 9/00
Derwent-CL (DC): P86, T05 , W04
EPI Codes: T05-L01A; T05-L01X; W04-V01;

L3: Entry 27 of 30

File: DWPI

Jun 7, 2004

DERWENT-ACC-NO: 1997-263751
ABSTRACTED-PUB-NO: JP 09090976A
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TITLE: Discriminant function calculator used in speech recognition appts, image recognition appts - has adaptive learning unit, which performs learning of computed discriminant function and fits function on learning sample

INT-CL (IPC): G06 F 15/18, G06 K 9/68, G10 L 3/00, G10 L 5/06, G10 L 9/06, G10 L 9/10, G10 L 15/06, G10 L 15/10, G10 L 15/14, G10 L 15/16
Derwent-CL (DC): P86, W04
EPI Codes: W04-V01; W04-V05G;

L3: Entry 28 of 30

File: DWPI

Jul 23, 2002

DERWENT-ACC-NO: 1997-203093
ABSTRACTED-PUB-NO: US 6108632A
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TITLE: Financial transaction support apparatus for e.g. performing shares, currency or other financial transactions in dealing room - includes speech recognition processor for recognising predetermined transaction parameters within speech signal and making values of recognised parameters available at parameter output

INT-CL (IPC): G06 F 17/60, G06 K 0/00, G06 K 9/00, G10 L 3/00, G10 L 15/22, H04 M

1/02, H04 M 3/42, H04 M 3/50, H04 M 11/00

Derwent-CL (DC): P86, T01, T05, W01, W04

EPI Codes: T01-C08A; T01-J05A1; T01-J12C; T05-L02; W01-C05B3C; W04-V04A;

L3: Entry 29 of 30

File: DWPI

Feb 6, 1997

DERWENT-ACC-NO: 1997-132991

ABSTRACTED-PUB-NO: US 6115458A

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TITLE: System electronically providing summary of data relating to account - retrieves information in database records relating to account based on account identifier, summary of retrieved information is generated based on selected format, and is electronically outputted and transmitted to destination

INT-CL (IPC): G06 F 7/08, G06 F 17/60, G06 K 5/00, H04 M 11/00, H04 M 15/00, H04 M 17/00

Derwent-CL (DC): T01, W01

EPI Codes: T01-J05A2; T01-J05B3;

L3: Entry 30 of 30

File: DWPI

Apr 9, 1991

DERWENT-ACC-NO: 1991-125143

ABSTRACTED-PUB-NO: US 5007078A

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TITLE: Automated order entry message recording apparatus - has interface unit to start recording, convey operation confirmation message and conveys audio signal from exchange to tape

INT-CL (IPC): H04M 1/65

Derwent-CL (DC): W01

EPI Codes: W01-C02B; W01-C05B5;

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WEST Search History

DATE: Thursday, August 26, 2004

Hide?	<u>Set</u> <u>Name</u>	<u>Query</u>	<u>Hit</u> <u>Count</u>
		<i>DB=PGPB,USPT,EPAB,JPAB,TDBD; PLUR=NO; OP=OR</i>	
<input type="checkbox"/>	L20	L19 and synta\$6	4
<input type="checkbox"/>	L19	L18 and WAN	32
<input type="checkbox"/>	L18	L17 and automatic\$4	69
<input type="checkbox"/>	L17	speech and context\$3 and transact\$3 and verif\$6 and (human adj operator)	75
		<i>DB=USPT; PLUR=NO; OP=OR</i>	
<input type="checkbox"/>	L16	6404877.pn.	1
<input type="checkbox"/>	L15	6396919.pn.	1
<input type="checkbox"/>	L14	6269153.pn.	1
<input type="checkbox"/>	L13	6205215.pn.	1
<input type="checkbox"/>	L12	6049594.pn.	1
<input type="checkbox"/>	L11	5999965.pn.	1
<input type="checkbox"/>	L10	5884032.pn.	1
<input type="checkbox"/>	L9	5703943.pn.	1
<input type="checkbox"/>	L8	5555299.pn.	1
<input type="checkbox"/>	L7	5537344.pn.	1
<input type="checkbox"/>	L6	5136633.pn.	1
		<i>DB=PGPB,USPT,EPAB,JPAB,TDBD; PLUR=NO; OP=OR</i>	
<input type="checkbox"/>	L5	L1 and context\$3 and human and transact\$6	9
<input type="checkbox"/>	L4	L1 and context\$3 and human and trasact\$6	0
		<i>DB=PGPB,USPT,EPAB,JPAB,DWPI,TDBD; PLUR=NO; OP=OR</i>	
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		<i>DB=PGPB,USPT,EPAB,JPAB,TDBD; PLUR=NO; OP=OR</i>	
<input type="checkbox"/>	L2	L1 and context\$3	15
<input type="checkbox"/>	L1	(6108632 5758322 6195417 6144940 6731722 6246981 4605080 6091802 5450470 5007078 6246990 6199043 6199042 5365577 6122614 4852149 5878155 6141644 5581630 5926524 5940799 6167417 5943400 6163536 5715369 6415258 5208449 5839104 6510416 5724481 6115458 6385312 4899369 5517569 6208966 6230137 4766529 6058364 5966691 5774841 5500919 4426733 4468204 6058435 5940811 6105007 RE34536 5345538 5513993 5751260).pn.	51

END OF SEARCH HISTORY

h e b b cg b chh e h f ff e ch e ch